

1 **Reference: "2023 Capital Budget Application," Newfoundland Power Inc., June 29,**  
2 **2022, Schedule B, p. 26, para. 1 (Distribution Feeder SLA-05**  
3 **Refurbishment).**

4  
5 **Q. An engineering assessment determined that the two single-**  
6 **phase sections supplying Dundas, Dorset and Wexford streets**  
7 **off of Oxen Pond Road are overloaded at approximately 135**  
8 **amps each, which is 'outside of the Company's planning**  
9 **guidelines for a single-phase distribution line.**

10  
11 **Please provide a copy of the engineering assessment.**

12  
13 A. Newfoundland Power's Distribution Planning Guidelines indicate that the maximum  
14 current on a single-phase line is 85 amps. See the response to Request for Information  
15 CA-NP-031 for a copy of Newfoundland Power's Distribution Planning Guidelines. The  
16 engineering assessment of the overload condition on each single-phase section of line  
17 referenced included the completion of load flow simulations using power system analysis  
18 software and field measurements using recording ammeters installed on each section of  
19 line. The findings of this assessment are included on page 26 of Schedule B of the  
20 *2023 Capital Budget Application.*